

Application Serial No. 10/562,516
Reply to Office Action of September 26, 2007

PATENT
Docket: CU-4639

Amendments to the Specification

Please replace the second paragraph on page 31 with the following amended paragraph.

FIG. 9 is a view showing various shape modes of the low-refractive index portion $[[4]]$. The low-refractive index portion $[[4]]$ has the substantially triangular shape formed by the hypotenuses of the two adjacent unit lenses 2 and 2. FIG. 9A shows the case where the hypotenuse is formed by a straight line. In this case, an angle θ_{11} formed by the hypotenuse and the outgoing light beam plane normal line is kept constant at any point on the hypotenuse. FIG. 9B shows the case where the hypotenuse is formed by a smoothly curved line. FIG. 9C shows the case where the hypotenuse is formed by the two straight lines. In these cases, angles θ_{12} , θ_{13} , and θ_{14} formed by the hypotenuses and the outgoing light beam plane normal lines depend on the position on the hypotenuse. In the invention, when the angle formed by the hypotenuse and the outgoing light beam plane normal line is not constant as shown in FIGS. 9B and 9C, the effect of the invention can be obtained by satisfying the conditions of the above-described expressions 1 to 7 in the range at least a 90% length of the hypotenuse.